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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY DOCKET NUMBER 2271/75845
INTERNATIONAL APPLICATION NO. PCT/JP2005/010520	INTERNATIONAL FILING DATE 8 June 2005	U.S. APPLICATION NUMBER KNOWN, see 37 CFR 1.5 107587809
PRIORITY DATE CLAIMED 11 June 2004		
TITLE OF INVENTION SURFACE-EMISSION LASER DIODE AND FABRICATION PROCESS THEREOF		
APPLICANT(S) FOR DO/EO/US Shunichi SATO, Akihiro ITOH and Naoto JIKUTANI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13(ter.2) and 37 CFR 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete. If you are preparing, preparing, and submitting the completed form to the USPTO, time will vary depending upon the individual case. Any comments or the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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The fee is \$250 for each additional 50 sheets of paper or fraction thereof. </td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> </tr> <tr> <td>200 - 100 =</td> <td>100 /50 =</td> <td>2</td> </tr> <tr> <td colspan="3">x \$250</td> </tr> <tr> <td colspan="3">\$ 500.00</td> </tr> <tr> <td colspan="3">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> </tr> <tr> <td>Total claims</td> <td>35 - 20 =</td> <td>15</td> </tr> <tr> <td>Independent claims</td> <td>7 - 3 =</td> <td>4</td> </tr> <tr> <td colspan="3">x \$ 50</td> </tr> <tr> <td colspan="3">\$ 750.00</td> </tr> <tr> <td colspan="3">x \$200</td> </tr> <tr> <td colspan="3">\$ 800.00</td> </tr> <tr> <td colspan="3">+ \$360</td> </tr> <tr> <td colspan="3">\$ 0</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS = \$ 2,950.00</td> </tr> <tr> <td colspan="3"> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. </td> </tr> <tr> <td colspan="3">SUBTOTAL =</td> </tr> <tr> <td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="3">+ \$</td> </tr> <tr> <td colspan="3">TOTAL NATIONAL FEE = \$ 2,950.00</td> </tr> <tr> <td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21(h)). 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PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007 OMB 0651-0021

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- AP2014830 PCT/US07/070 07 FEB 2006
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 - b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
 - c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this sheet is enclosed.
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer Number 23432
Ivan S. Kavrukov, Esq.
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
Tel.: 212-278-0400



SIGNATURE
Paul Teng

NAME
40,837

REGISTRATION NUMBER

10/56/809

IAP20 Rec'd PCT/PTO 07 FEB 2006

Dkt. 2271/75845

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Shunichi SATO, Akihiro ITOH and Naoto JIKUTANI

Serial No. : Not Yet Known Int'l Appl'n No.: PCT/JP2005/010520

Date Filed : Concurrently Herewith Int'l Filing Date: 8 June 2005

For: SURFACE-EMISSION LASER DIODE AND FABRICATION PROCESS
THEREOF

Page 4 of Transmittal Letter To The United States Designated/Elected Office
(DO/EO/US) Concerning A Submission Under 35 U.S.C. 371

20. Other items or information:

Copies of the following--

- cover page of International Publication No. WO 2005/122350 A1;
- PCT Request;
- Notification Concerning Submission Or Transmittal Of Priority Document;
- Notification Of Transmittal Of The International Search Report And The Written Opinion Of The International Searching Authority, Or The Declaration;
- Written Opinion Of The International Searching Authority; and
- First Notice Informing The Applicant Of The Communication Of The International Application [To Designated Offices Which Do Not Apply The 30 Month Time Limit Under Article 22(1)].

10/567809

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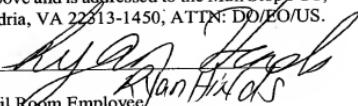
Sir:

EXPRESS MAIL LETTER OF TRANSMITTAL

Express Mail mailing label number: EV554806323US

Date of Deposit: February 7, 2006

I hereby certify that the above-identified new application, consisting of four pages of the Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371 (in duplicate), an English-language translation of the International Application as filed [including 190-page specification with claims 1-35, Abstract and 10 sheets of formal drawings (Figs. 1-22)], Information Disclosure Statement (including Form PTO-1449 and copies of references), cover page of PCT Publication No. WO 2005/122350 A1, PCT Request, Notification Concerning Submission Or Transmittal Of Priority Document, Notification Of Transmittal Of The International Search Report And The Written Opinion Of The International Searching Authority, Or The Declaration, Written Opinion Of The International Searching Authority, First Notice Informing The Applicant Of The Communication Of The International Application [To Designated Offices Which Do Not Apply The 30 Month Time Limit Under Article 22(1)], a check in the amount of \$2,950.00 and return stamped postcard, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450; ATTN: DO/EO/US.


Ivan S. Kavrukov
Mail Room Employee
Depositing Express Mail Material

Attorneys for Applicant:

IVAN S. KAVRUKOV, Reg. No. 25,161
PAUL TENG, Reg. No. 40,837
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, N.Y. 10036
Tel: (212) 278-0400